

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International publication date
8 April 2004 (08.04.2004)

PCT

(10) International publication number
WO 2004/029427 A2

(51) International patent classification⁷: F02B
(21) International application number: PCT/EP2003/010436
(22) International filing date: 19 September 2003 (19.09.2003)
(25) Language of filing: German
(26) Language of publication: German
(30) Data relating to the priority:
102 43 974.5 20 September 2002 (20.09.2002) DE
(71) Applicant (for all designated States except US): BEHR
GMBH & CO. [DE/DE]; Mauserstrasse 3, 70469 Stuttgart
(DE).
(72) Inventors; and
(75) Inventors/Applicants (US only): BURR, Reinhold [DE/DE];

Wangenmühle 5, 89522 Heidenheim (DE).
KLINGLER, Dietrich [DE/DE]; Richard-Wagner-
Strasse 16, 73540 Heubach (DE). VOIGT, Klaus
[DE/DE]; Kelterstrasse 29, 74321 Bietigheim-
Bissingen (DE).

(74) Joint Representative: BEHR GMBH & CO.;
Mauserstrasse 3, 70469 Stuttgart (DE).

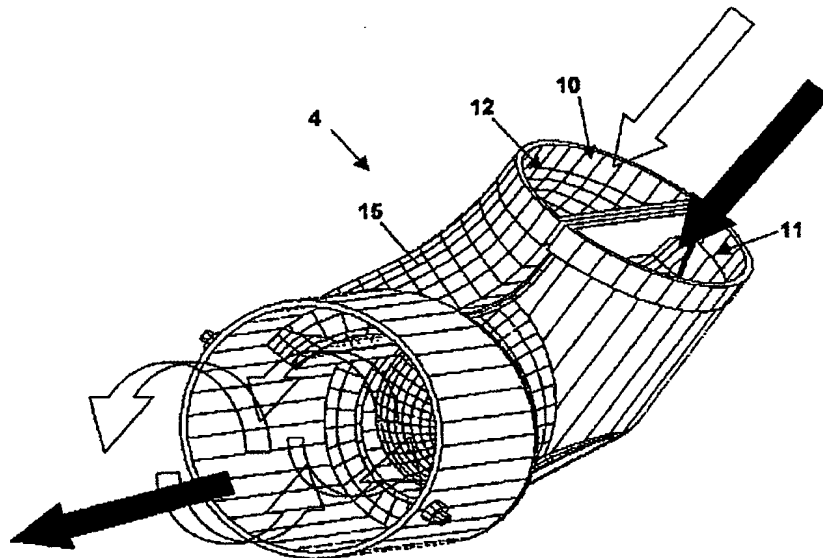
(81) Designated states (national): AE, AG, AL, AM, AT,
AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO,
CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG,
KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL,
PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR,
TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

[continued on next page]

As printed

(54) Title: AIR INLET, IN PARTICULAR FOR A MOTOR VEHICLE

(54) Bezeichnung: LUFTEINSTRÖMER, INSBESONDERE FÜR EIN KRAFTFAHRZEUG



WO 2004/029427 A2

(57) Abstract: The invention relates to an air inlet (1), in particular for a motor vehicle, comprising an air duct (2), for supply of air, a metering device (3) and an air guidance device (4), whereby the air in said air guidance device (4) is at least partly divided into several part channels (11, 12) and in the inlet region (10) no significant direction change for the part channels (11, 12) is provided.

[Fortsetzung auf der nächsten Seite]

[continued on next page]

(84) **Designated states (regional):** ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- without international search report and to be republished upon receipt of that report

For an explanation of the two-letter codes and the other abbreviations, reference is made to the explanations ("Guidance Notes on Codes and Abbreviations") at the beginning of each regular edition of the PCT Gazette.

Declaration under Rule 4.17

- of inventorship (Rule 4.17(iv)) for the following designation US

(57) **Zusammenfassung:** Die Erfindung betrifft einen Luftinströmer (1), insbesondere für ein Kraftfahrzeug, mit einem Luft zuführenden Luftkanal (2), einer Dosiervorrichtung (3) und einer Luftleitvorrichtung (4), wobei die Luft in der Luftleitvorrichtung (4) zumindest bereichsweise in mehrere Teilkanäle (11, 12) aufgeteilt ist, wobei im Eintrittsbereich (10) keine wesentliche Richtungsänderung der Teilkanäle (11, 12) vorgesehen ist.